MONTHLY BULLETIN

OF

THE OBSERVATORY

QC
990
.L4
M6
1934

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

JANUARY, 1934

J. A. BROWN, DIRECTOR

Printed at the American Press
Beirut, Syria

LIBRARY
N.O.A.A.
U.S Dept. of Commerce

JANUARY 1934
METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C Sea level and 45° Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	64:6	62.9	62.8	63.4	19.3	12.9	17.3	19.0	17.2	17.8
2	2.5	0.9	1.1	1.5	22.1	16.9	17.9	20.3	19.2	19.1
3	1.7	0.8	1.2	1.2	21.4	17.0	19.9	20.9	18.2	19.7
4	0.6	58.5	2.8	0.6	21.2	17.0	18.3	17.1	14.8	16.7
5	5.4	64.8	5.2	5.1	17.1	12.6	14.3	16.2	12.4	14.3
6	64.5	62.0	61.3	62.6	16.6	12.3	15.2	15.7	15.1	15.3
7	58.6	57.0	58.5	58.0	15.2	13.0	13.2	14.2	10.3	12.6
8	62.0	62.4	63.8	62.7	15.2	10.2	13.7	14.9	12.4	13.7
9	5.3	4.3	4.8	4.8	15.7	10.8	13.6	15.5	12.8	14.0
10	2.5	0.6	1.2	1.4	17.5	12.5	15.4	16.2	13.6	15.1
11	58.8	57.8	58.2	58.3	14.7	12.3	14.4	10.8	9.8	11.7
12	7.2	9.1	60.5	8.9	14.3	8.8	13.4	13.7	12.1	13.1
13	63.1	62.6	3.9	63.2	12.7	8.5	10.6	12.2	10.7	11.2
14	8.1	7.7	8.6	8.1	11.4	7.1	9.9	10.9	8.7	9.8
15	8.7	7.7	6.4	7.6	15.0	8.1	12.7	14.2	13.6	13.5
16	65.5	65.0	66.9	65.8	17.0	11.7	15.0	13.5	12.1	13.5
17	9.2	8.5	8.9	8.9	14.8	10.2	11.7	14.6	12.1	12.8
18	7.5	5.8	5.1	6.1	15.9	10.6	14.0	15.6	12.8	14.1
19	3.2	0.6	1.2	1.7	16.9	11.9	15.4	16.2	15.7	15.8
20	58.6	58.0	56.4	57.7	15.9	11.9	13.6	9.1	8.9	10.5
21	59.1	59.7	62.4	60.4	12.1	8.2	9.0	11.5	11.2	10.6
22	64.9	64.9	6.0	5.3	15.4	8.8	13.4	14.8	12.2	13.5
23	6.4	5.2	6.0	5.9	14.7	10.6	14.2	13.8	12.1	13.4
24	6.2	4.8	5.2	5.4	12.5	10.8	11.2	11.1	10.3	10.9
25	7.7	7.7	9.9	8.4	10.4	5.6	5.9	9.1	9.2	8.1
26	70.7	70.2	71.9	70.9	12.8	5.6	10.8	12.6	11.3	11.6
27	73.3	1.0	69.7	1.3	14.2	8.0	12.6	13.5	10.2	12.1
28	66.1	63.4	3.2	64.2	15.6	9.2	11.5	14.4	14.4	13.4
29	3.0	62.4	5.1	3.5	18.1	11.4	15.9	17.2	12.2	15.1
30	7.3	7.7	8.8	7.9	15.8	11.7	12.9	15.4	12.2	13.5
31	8.8	6.6	5.0	6.8	16.1	10.6	13.0	15.5	13.7	14.1
	764.55	763.56	764.25	764.11	15.72	10.86	13.54	14.50	12.62	13.56

Barometer, range for month 756.4 –773.3 mm.
,, 50-yr. average for month 763.360 mm.
Thermometer, Range for month 5.6—22.1° C.
,, 50-yr. average for month 13.67° C.
Rain, total for month 112.59 m.m.
,, , 50-yr average for month 191.01 mm.
,, , total, Sept. 1st to end of month 313.75 mm.
,, , 50-yr. average, Sept. 1st to end of month 576.84 mm.

JANUARY 1934
METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Rain mm.
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	13.2	15.8	14.8	8.9	11.3	10.9	10.4	62	69	75	69	8.0	
2	14.3	17.9	14.3	10.0	13.6	9.4	11.0	65	77	57	66	8.1	
3	15.8	17.0	14.3	10.8	11.9	9.8	10.8	62	64	63	63	6.0	
4	16.9	15.4	13.5	13.3	11.9	10.7	12.0	85	83	86	85	0.0	6.096
5	12.6	13.6	11.4	9.9	9.9	9.4	9.7	82	73	88	81	4.5	3.636
6	12.0	13.0	13.0	8.7	9.5	9.9	9.4	68	72	77	72	7.5	0.635
7	11.9	11.8	9.4	9.6	8.9	8.3	8.9	85	74	89	83	0.0	15.240
8	11.6	12.0	10.0	8.9	8.8	7.8	8.5	77	69	72	73	8.4	
9	10.0	11.3	10.2	7.4	7.8	7.9	7.7	63	60	72	65	9.5	
10	11.4	11.8	12.6	7.9	8.0	10.3	8.7	62	58	88	69	0.0	0.580
11	12.6	10.2	8.2	9.8	8.9	7.2	8.6	80	92	80	84	0.5	19.300
12	11.3	9.8	8.7	8.9	7.1	6.7	7.6	76	62	64	67	0.9	7.110
13	5.8	8.1	8.6	4.8	6.1	7.2	6.0	52	57	75	61	0.0	5.850
14	6.8	7.1	5.8	5.9	5.8	5.5	5.7	64	60	65	63	9.5	
15	8.8	10.4	9.2	6.5	7.5	6.6	6.9	61	62	57	60	5.0	
16	9.8	9.2	10.4	6.6	6.7	8.4	7.2	52	57	80	63	0.0	1.140
17	10.4	12.2	10.8	8.6	9.2	8.8	8.9	84	75	84	81	5.1	
18	10.9	12.6	9.8	8.1	9.1	7.5	8.2	68	69	68	68	9.5	
19	11.6	12.6	12.9	8.2	8.8	9.4	8.8	64	65	71	67	7.0	
20	11.4	8.6	8.6	8.9	8.0	8.2	8.4	77	94	97	89	0.0	17.150
21	8.7	9.8	9.1	8.2	8.1	7.4	7.9	97	80	75	84	1.0	17.650
22	10.2	11.4	10.1	7.7	8.2	7.9	7.9	67	65	76	69	8.0	
23	10.6	9.8	8.4	7.6	7.1	6.4	7.0	64	61	61	62	9.4	
24	7.2	6.1	5.6	5.7	4.9	4.8	5.5	59	50	51	53	6.5	
25	4.6	4.3	5.3	5.7	4.2	4.9	4.9	83	50	58	65	8.0	0.635
26	6.6	8.5	8.0	5.4	6.3	6.4	6.0	56	59	64	60	9.0	
27	7.9	8.4	7.0	5.8	5.9	5.9	5.9	54	51	64	56	10.0	
28	8.4	11.2	7.4	6.7	8.1	4.8	6.5	66	67	40	58	7.5	
29	10.8	11.1	11.2	7.1	6.9	6.8	6.9	54	47	88	63	6.7	4.318
30	12.6	12.1	10.4	10.6	8.7	8.3	9.2	95	67	78	80	8.0	8.255
31	10.1	12.9	12.1	7.7	9.5	9.5	8.9	69	72	81	74	8.5	
	10.54	11.16	10.03	8.06	8.28	7.83	8.06	69.4	66.4	72.3	69.4	5.55	3.632

Height of Barometer above sea level: 33.7 meters.
" " Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
50-year averages are for period, 1875-1924

JANUARY 1934
METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Km.		
1	2ci	1ci	10cu	4.3	0	0	2sw	193.4	slight	
2	10cu	7stcu	1ci	6.0	1s	1w	1w	348.3	mod.	
3	6ci	3ci	3cu	4.0	0	2sw	1s	118.6	„	
4	10ni	7ni	6cu	7.7	3sw	0	0	340.2	stormy	
5	7cu	8cu	4cu	6.3	1s	1sw	2s	356.6	mod.	
6	1cu	1cu	2ci	1.3	1e	1w	2se	375.1	„	
7	10ni	10cu	1ci	7.0	1s	1s	1s	320.9	„	lghnt. in the morn
8	1cu	1cu	0	0.7	0	1sw	2e	287.3	„	(and eveng.
9	1cu	1ci	0	0.7	0	1sw	1e	196.5	slight	
10	10stcu	10cu	10ni	10.0	0	1sw	0	178.8	„	
11	10ni	10ni	5cu	8.3	0	1sw	2w	194.4	„	
12	10ni	10ni	10ni	10.0	6sw	4sw	6sw	1010.7	rough	lightening at night
13	5cu	10cu	10ni	8.3	5w	6sw	3w	915.9	„	
14	3cu	0	0	1.0	1sw	1sw	1w	407.1	slight	
15	6ci	10ci	0	5.3	0	1sw	1ne	307.6	slight	
16	6ci	10stcu	8cu	8.0	2s	2sw	0	364.2	„	
17	10ni	5cu	0	5.0	1sw	2sw	0	322.2	„	
18	0	0	0	0.0	0	0	1w	357.7	„	
19	3ci	0	10cu	4.3	0	1sw	0	307.1	„	
20	10cu	10ni	10ni	10.0	1s	0	0	222.1	mod.	
21	10ni	8cu	5stcu	7.7	1s	3ne	0	482.8	stormy	
22	6stcu	3cu	2cu	3.7	0	1sw	1ne	226.1	slight	
23	2cu	3cu	7cu	4.0	1ne	2sw	2ne	390.6	mod.	
24	3cu	1cu	9cicu	4.3	3s	4ne	3w	465.6	stormy	
25	10ni	1cu	10cu	7.0	4ne	4ne	2sw	405.7	„	hail in the morning
26	9cu	0	0	3.0	3ne	2ne	3n	490.0	mod.	
27	0	1ci	0	0.3	0	1sw	1sw	304.7	light	
28	9ci	5ci	7ci	7.0	0	3ne	1sw	414.1	light	
29	1ci	9cu	5cu	5.0	3sw	3w	2s	569.2	mod.	mist in the morning
30	10ni	1cu	1cu	4.0	0	2w	1w	339.9	slight	
31	5ci	1ci	6st	4.0	1w	0	2ne	311.2	light	
				5.10	1.3	1.7	1.4	374.98		

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	3	1	0	7	5	2	0	13	31
14:30	0	5	0	0	1	16	4	0	5	31
20:30	1	4	2	1	4	5	7	0	7	31
Totals	1	12	3	1	12	26	13	0	25	

Number of days with rain 14, fog 1 thunderstorm 0, gale 0.

50-yr. average number of days with rain during month 15.8